JC17 ReCT/PTO 1 3 APR 2001

|   | 4 PTO-   |   | DEPARTMENT OF COMMERCE                                 | ND TRADEMARK OFFICE                             | ATTORNEY'S DOCKET NO.                  |  |  |  |  |  |  |  |  |
|---|--|---|--|---|--|--|--|--|--|--|--|--|--|
| (   |  | ,   | د<br>ماند و  | •   | 851663.421USPC                         |  |  |  |  |  |  |  |  |
|   | TF   | RAN   | SMITTAL LETTER TO                                      | U.S. APPLICATION NO. (If known, see37 CFR 1.5)  |  |  |  |  |  |  |  |  |  |
|   |  |   | SIGNATED/ELECTED                                       | Unknown 09/807497                               |  |  |  |  |  |  |  |  |  |
|   |  |   | NCERNING A FILING                                      |   |  |  |  |  |  |  |  |  |  |
|   |  |   | ONAL APPLICATION NO.                                   | INTERNATIONAL FILING DATE                       | PRIORITY DATE CLAIMED                  |  |  |  |  |  |  |  |  |
|   |  | 98/00   |  | 13 October 1998 (13.10.1998)                    | 13 October 1998 (13.10.1998)           |  |  |  |  |  |  |  |  |
|   | TITLE OF INVENTION   |   |  |   |  |  |  |  |  |  |  |  |  |
| MOTION VECTOR DETECTION WITH LOCAL MOTION ESIMATOR  |  |   |  |   |  |  |  |  |  |  |  |  |  |
| APPLICANT(S) FOR DO/EO/US   |  |   |  |   |  |  |  |  |  |  |  |  |  |
| HUI, Yau, Wai, Lucas; OH, Hong, Lye; and BARD, Jean-Michel  Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: |  |   |  |   |  |  |  |  |  |  |  |  |  |
|   |  |   |  |   |  |  |  |  |  |  |  |  |  |
| 1.  |  |   |  |   | 1 25 V 0 C 25                          |  |  |  |  |  |  |  |  |
| 2.  | Ц  | This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.   |  |   |  |  |  |  |  |  |  |  |  |
| 3.  | $\boxtimes$  | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. |  |   |  |  |  |  |  |  |  |  |  |
| 4.  | $\boxtimes$  | The I   | JS has been elected by the expir                       | ation of 19 months from the priority date (     | Article 31).                           |  |  |  |  |  |  |  |  |
| 5.  | $\boxtimes$  | A copy of the International Application as filed (35 U.S.C. 371(c)(2)).   |  |   |  |  |  |  |  |  |  |  |  |
|   | a.  is attached hereto (required only if not communicated by the International Bureau).          |   |  |   |  |  |  |  |  |  |  |  |  |
|   | b.  has been communicated by the International Bureau.   |   |  |   |  |  |  |  |  |  |  |  |  |
|   | c.  is not required, as the application was filed in the United States Receiving Office (RO/US). |   |  |   |  |  |  |  |  |  |  |  |  |
| 6.  | An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). |   |  |   |  |  |  |  |  |  |  |  |  |
|   | a. is attached hereto  |   |  |   |  |  |  |  |  |  |  |  |  |
|   |  | b.  | has been previously submitt                            | ed under 35 U.S.C. 154(d)(4).                   |  |  |  |  |  |  |  |  |  |
| 7.  | $\boxtimes$  | Ame   | ndments to the claims of the Inte                      | rnational Application under PCT Article 1       | 9 (35 U.S.C. 371(c)(3)).               |  |  |  |  |  |  |  |  |
|   |  | a.  | are attached hereto (required                          | d only if not communicated by the Internat      | ional Bureau).                         |  |  |  |  |  |  |  |  |
|   |  | b.  | have been communicated by                              | the International Bureau.                       |  |  |  |  |  |  |  |  |  |
|   |  | c.  | have not been made; howev                              | er, the time limit for making such amendm       | ents has NOT expired.                  |  |  |  |  |  |  |  |  |
|   |  | d.  | A have not been made and wil                           | I not be made.                                  |  |  |  |  |  |  |  |  |  |
| 8.  |  | A tra   | nslation of the amendments to th                       | ne claims under PCT Article 19 (35 U.S.C.       | 371(c)(3)).                            |  |  |  |  |  |  |  |  |
| 9.  | • 🗆  | An o  | ath or declaration of the inventor                     | c(s) (35 U.S.C. 371(c)(4)).                     |  |  |  |  |  |  |  |  |  |
| 10.   |  | A En<br>36 (3   | glish language translation of the 5 U.S.C. 371(c)(5)). | annexes to the International Preliminary E      | Examination Report under PCT Article   |  |  |  |  |  |  |  |  |
| Iten  | ns 11  | l to 20   | below concern document(s) o                            | r information included:                         |  |  |  |  |  |  |  |  |  |
| 11.   |  | An I  | nformation Disclosure Statement                        | under 37 CFR 1.97 and 1.98.                     |  |  |  |  |  |  |  |  |  |
| 12.   |  | An a  | ssignment document for recordir                        | ng. A separate cover sheet in compliance v      | with 37 CFR 3.28 and 3.31 is included. |  |  |  |  |  |  |  |  |
| 13.   |  | A FI  | RST preliminary amendment.                             |   |  |  |  |  |  |  |  |  |  |
| 14.   |  | A SE  | COND or SUBSEQUENT preli                               | minary amendment.                               |  |  |  |  |  |  |  |  |  |
| 15.   | 5. A substitute specification.   |   |  |   |  |  |  |  |  |  |  |  |  |
| 16.   | 16. A change of power of attorney and/or address letter.   |   |  |   |  |  |  |  |  |  |  |  |  |
| 17.   |  | A co  | mputer-readable form of the sequ                       | uence listing in accordance with PCT Rule       | : 13ter.2 and 35 U.S.C. 1.821 - 1.825. |  |  |  |  |  |  |  |  |
| 18.   | $\boxtimes$  | A sec   | cond copy of the published interr                      | national application under 35 U.S.C. 154(c      | 1)(4)                                  |  |  |  |  |  |  |  |  |
| 19.   |  | A sec   | cond copy of the English languag                       | ge translation of the international application | on under 35 U.S.C. 154(d)(4).          |  |  |  |  |  |  |  |  |
| 20.   |  | Othe  | r items of information:                                |   |  |  |  |  |  |  |  |  |  |
|   |  |   |  |   |  |  |  |  |  |  |  |  |  |
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13. 1 B

| U.S. APPLICATION NO. (If know  | vn, see 37 CER 1.5)  | INTERNATIO       | NAL APPLICAT       | ION NO.         | ATT           | ORNEY'S DOCKET NUMBER  |     |  |  |  |  |  |
|--|--|------------------|--------------------|-----------------|---------------|------------------------|-----|--|--|--|--|--|
| U.S. APPLICATION NO. of known Unknown 0 9 8 0  | 1491   | PCT/SG98/0       | 0085               |                 | 851           | 663.421USPC            |     |  |  |  |  |  |
| 21. The following fees are submitted: CALCULATIONS   |  |                  |                    |                 |               |                        |     |  |  |  |  |  |
| Basic National Fee (37 CFR   | 1.492(a)(1)-(5)):  |                  |                    |                 | l             | PTO USE ONLY           | -   |  |  |  |  |  |
| Neither international preliminary examination fee (37 CFR 1.482)   |  |                  |                    |                 |               |                        |     |  |  |  |  |  |
| nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO  |  |                  |                    |                 |               |                        |     |  |  |  |  |  |
| and International Search Report not prepared by the EPO or JPO \$1000.00   |  |                  |                    |                 |               |                        |     |  |  |  |  |  |
| International preliminary exmaination fee (37 CFR 1.482) not paid to   |  |                  |                    |                 |               |                        |     |  |  |  |  |  |
| USPTO but International Search Report prepared by the EPO or JPO   |  |                  |                    |                 |               |                        |     |  |  |  |  |  |
|  |  |                  |                    |                 |               |                        |     |  |  |  |  |  |
| International preliminary examination fee (37 CFR 1.482) not paid to USPTO   |  |                  |                    |                 |               |                        |     |  |  |  |  |  |
| but international search fee (37 CFR 1.445(a)(2)) paid to USPTO\$710.00  |  |                  |                    |                 |               |                        |     |  |  |  |  |  |
| International preliminary examination fee (37 CFR 1.482) paid to USPTO   |  |                  |                    |                 |               |                        |     |  |  |  |  |  |
| but all claims did not satisfy provisions of PCT Article 33(1)-(4)\$690.00   |  |                  |                    |                 |               |                        |     |  |  |  |  |  |
|  |  |                  |                    |                 |               |                        |     |  |  |  |  |  |
| International preliminary examination fee (37 CFR 1.482) paid to USPTO   |  |                  |                    |                 |               |                        |     |  |  |  |  |  |
| and all claims satisfied provisions of PCT Article 33(1)-(4)   |  |                  |                    |                 |               |                        |     |  |  |  |  |  |
|  | ENTER APPROF   | PRIATE BAS       | SIC FEE AM         | OUNT :          | =             | \$860.00               |     |  |  |  |  |  |
| Surcharge of \$130.00 for furn   | ishing the oath or dec   | laration later t |                    | X 30 mont       | ths           | \$130.00               |     |  |  |  |  |  |
| from the earliest claimed prior  |  |                  |                    |                 |               |                        |     |  |  |  |  |  |
| Claims   | Number Filed   | Num              | ber Extra          | Rate x \$ 18.00 |               | \$18.00                |     |  |  |  |  |  |
| Total Claims Independent Claims  | 21 - 20 =<br>3 - 3 =   |                  | 0                  | x \$ 80.00      |               | \$.00                  | · · |  |  |  |  |  |
| Multiple dependent claim(s) (i   |  | I                |                    | + \$270.00      | $\overline{}$ | \$270.00               |     |  |  |  |  |  |
|  |  | OF ABOVE         | CALCULAT           | •               | -             | \$1278.00              |     |  |  |  |  |  |
| Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are \$.00  |  |                  |                    |                 |               |                        |     |  |  |  |  |  |
| reduced by 1/2.  |  |                  |                    |                 |               |                        |     |  |  |  |  |  |
|  |  |                  | SUBT               |                 |               | \$1278.00              |     |  |  |  |  |  |
| Processing fee of \$130.00 for furnishing the English translation later than 20 30 \$.00 months from the earliest claimed priority date (37 CFR 1.492(f)). |  |                  |                    |                 |               |                        |     |  |  |  |  |  |
| TOTAL NATIONAL FEE = \$1278.00   |  |                  |                    |                 |               |                        |     |  |  |  |  |  |
| Fee for recording the enclosed   | assignment (37 CFR   |                  |                    |                 |               | \$.00                  |     |  |  |  |  |  |
| accompanied by an appropriat   |  | R 3.28, 3.31).   | \$40.00 per prop   | erty +          | -             |                        |     |  |  |  |  |  |
|  |  | TOTAL            | FEES ENCL          | OSED =          | =             | \$1278.00              |     |  |  |  |  |  |
|  |  |                  |                    | ·····           |               | Amount to be refunded: |     |  |  |  |  |  |
|  |  |                  | -                  |                 |               | charged                |     |  |  |  |  |  |
| a. A check in the amoun  | nt of <u>\$1278.00</u> cover   | the above fees   | is enclosed.       |                 |               |                        |     |  |  |  |  |  |
| b. Please charge my De   | posit Account No. ir   | the amount of    | f \$_ to cover the | above fees.     | Α             |                        |     |  |  |  |  |  |
| duplicate copy of this   | s sheet is enclosed.   |                  |                    |                 |               |                        |     |  |  |  |  |  |
| c.  The Commissioner is  | s hereby authorized to   | charge any ac    | ditional fees wh   | hich may be     | requi         | red, or credit any     |     |  |  |  |  |  |
| overpayment to Depo  | sit Account No. 19-1   | 090. A duplic    | ate copy of this   | sheet is enc    | losed.        | •                      |     |  |  |  |  |  |
|  | d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. |                  |                    |                 |               |                        |     |  |  |  |  |  |
|  |  |                  |                    |                 |               | •                      |     |  |  |  |  |  |
| NOTE: Where an appropriate 1.137(a) or (b)) must be filed a  |  |                  |                    |                 | etition       | to revive (37 CFR      |     |  |  |  |  |  |
| 1.13 /(u) or (b)) must be med a  | and granted to restore   | the application  | in to pending su   |                 | ) ,           | Λ                      |     |  |  |  |  |  |
|  |  |                  |                    | c /             | 4             | 1 1                    |     |  |  |  |  |  |
| SEND ALL CORRESPONDE   | ENCE TO:   |                  | 500                | 05              | ك             | 61                     |     |  |  |  |  |  |
| GASH, Eric, J.   |  |                  |                    |                 |               |                        |     |  |  |  |  |  |
| Seed Intellectual Property Lav   | v Group PLLC   |                  | Eric J. Gash       |                 |               |                        |     |  |  |  |  |  |
| 701 5 <sup>th</sup> Avenue, Suite 6300   |  |                  | NAME               |                 |               |                        |     |  |  |  |  |  |
| Seattle, WA 98104-7092   |  |                  |                    |                 |               |                        |     |  |  |  |  |  |
| United States of America   46,274   (206) 622-4900   REGISTRATION NUMBER   |  |                  |                    |                 |               |                        |     |  |  |  |  |  |
| (200) 022-4)00   |  |                  |                    | OIA MOMD        |               |                        |     |  |  |  |  |  |